

I CLAIM:

2 1. A sealed containment and dispensing package for flowable
3 products comprising an aperture forming means wherein a portion of said aperture
4 forming means is folded over to create a flap member which is sealingly attached to a
5 portion of its own surface it covers which when the flap member is folded back it
6 produces an outlet aperture in its surface.

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8 2. The package according to claim 1, wherein said aperture
9 forming means comprises a breakaway tip member made of thermoformed plastic and
10 is integral with such sealed containment package.

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12 3. The package according to claim 2, wherein said breakaway tip
13 member is located on said flap member.

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15 4. The package according to claim 3, wherein the outermost
16 surface of said breakaway tip member is sealingly attached to the portion of its own
17 surface it covers.

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19 5. The package according to claim 2, wherein the aperture forming
20 means is made independently of said sealed containment package and subsequently
21 sealingly integrated with said sealed containment package.

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23 6. The package according to claim 5, where a portion of said
24 aperture forming means includes a cap thermoformed adjacent to said breakaway tip
25 member to fit over the base of said breakaway tip member to reclose the containment
26 package after it has been opened by the formation of said aperture.

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28 7. The package according to claim 1, wherein said sealed
29 containment package has as its aperture forming means a pre-made hole pattern in one

1 wall of the flap member which when folded over is peelably sealed to said portion of
2 its own surface which it covers, at least completely encircling said pre-made hole
3 pattern.

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5 8. The package according to claim 1, where said sealed
6 containment and dispensing package has as its aperture forming means a pre-made cut
7 pattern in one wall of said flap member which when folded over is peelably sealed to
8 said portion of its own surface which it covers, at least completely encircling said pre-
9 made cut pattern.

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11 9. The package according to claim 1, where said sealed
12 containment and dispensing package has as its aperture forming means a pre-made
13 fault line score pattern in one wall of said flap member which when folded over is
14 peelably sealed to said portion of its own surface which it covers, at least across entire
15 said fault line pre-made score pattern.

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17 10. The package according to claim 7, where said sealed
18 containment and dispensing package is a pouch style package.

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20 11. The package according to claim 8, where said sealed
21 containment and dispensing package is a pouch style package.

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23 12. The package according to claim 9, where said sealed
24 containment and dispensing package is a pouch style package.

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26 13. The package of claim 9, where said sealed containment and
27 dispensing package is a tube style wherein the hinged flap member with said
28 protrusion forming a flat topped drum shaped cap member is a flat end seal on said
29 tube.

1 14. The package according to claim 9, where said aperture forming
2 means is made independently of such sealed containment and dispensing package for
3 subsequently sealingly integrating it with such sealed containment and dispensing
4 packages.

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6 15. A sealed containment and dispensing package having an
7 aperture forming means made of thermoformed plastic comprising a pair of hinged
8 members, one member being a flap having a protrusion forming a flat topped drum
9 shaped cap member, the other member having a mating protrusion of similar shape to
10 said cap member with an aperture in its flat top surrounded by a generally flat rim so
11 located that when said flap with the drum shaped cap member is hinged over the
12 mating protrusion with the aperture in its flat top rim meets with the flat inner surface
13 of the cap where by virtue of a preapplied peelable adhesive to at least one of the flat
14 surfaces meeting they are peelably sealed together completely about said aperture.

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